

Application No.: 10/658,962  
Attorney Docket No.: 49321-008US0  
First Applicant's Name: Mendy S. Maccabee  
Application Filing Date: September 8, 2003  
Office Action Dated: December 29, 2009  
Date of Response: June 29, 2010  
Examiner: Jennifer M. Kim

### **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application:

Claim 1 (currently amended): A method for treating a sinus disease or promoting sinus wound healing in a subject in need thereof by topically delivering a therapeutically effective amount of a composition comprising vitamin A to a sinus cavity of the subject, wherein the composition is delivered from an implant placed in the sinus cavity.

Claims 2-5 (cancelled)

Claim 6 (currently amended): The method of claim 1, wherein the ~~composition is topically delivered by a medium selected from the group consisting of aqueous or non-aqueous gels, solutions, ointments, salves, lotions, unguents, coatings, impregnations of packing material or sponge material or strip gauze, and combinations thereof~~implant comprises a patch or packing material.

Claim 7 (previously presented): The method of claim 1, wherein treating comprises affecting an indicator selected from the group consisting of increase in ciliated paranasal sinus mucosa; promotion of ciliated epithelial healing or regeneration; reduction of serous gland loss; reduction of lamellar fibrosis; effect on mucociliary density change; and effect on sinus bone morphometry.

Claim 8 (previously presented): The method of claim 1, wherein vitamin A is administered at a concentration range selected from the group consisting of about 0.001% to about 0.25% (w/w); about 0.005% to about 0.025% (w/w); about 0.01% to about 0.025% (w/w), and about 0.001% to about 0.05%.

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Claims 9-20 (cancelled)

Claim 21 (previously presented): The method of claim 1, wherein vitamin A is retinoic acid.

Claims 22-23 (cancelled)

Claim 24 (previously presented): The method of claim 1, wherein the sinus disease is acute sinus disease.

Claim 25 (previously presented): The method of claim 1, wherein the sinus disease is chronic sinus disease.

Claim 26 (previously presented): The method of claim 1, wherein the subject has undergone a sinus surgery.

Claim 27 (previously presented): The method of claim 26, wherein the sinus surgery is selected from the group consisting of endoscopic sinus surgery, ethmoidectomy, endoscopic frontal sinus surgery, frontal sinusotomy, FESS (functional endoscopic sinus surgery), maxillary sinusotomy, open frontal sinus surgery, polypectomy, reduction removal of inferior turbinate, reduction removal of middle turbinate, septoplasty, sphenoidotomy, and tumor removal.

Claim 28 (previously presented): The method of claim 1, wherein the composition is a depot formulation.